

REMARKS/ARGUMENTS

After the foregoing Amendment, Claims 1, 7, 8, 12, 14, 16-18, 20, 21, and 29-49 are currently pending in this application. Claims 1, 14, 29, 30, 33, 36 and 39 have been amended for clarification purposes. New claims 44-49 have been added.

Applicants submit that no new matter has been introduced into the application by these amendments.

Claim Rejections - 35 USC §103(a)

Claims 1, 7-8, 13-14, 16-17 and 20

Claims 1, 7-8, 13-14, 16-17, 20 and 43 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Tamura et al (U.S. 2002/0130326) in view of Yuyama et al. (U.S. 6,069,676).

Independent claims 1 and 14 have been amended in view of the remarks in the “Interview Summary”. Applicants believe that claims 1, 7-8, 13-14, 16-17, 20 and 43 are allowable over the cited prior art of record for the reasons provided in the “Interview Summary”. Withdrawal of the 35 USC §103(a) rejection of claims 1, 7-8, 13-14, 16-17, 20 and 43 is respectfully requested.

Claims 12 and 21

Claims 12 and 21 stand rejected under 35 USC §103(a) as being unpatentable over Tamura in view of Yuyama and further in view of Yamazaki et al. (US 6,424,326). Claim 12 is dependent upon claim 1 and claim 21 is dependent upon claim 14, which the Applicants believe are allowable over the cited prior art of record for the reasons provided above. Withdrawal of the 35 USC §103(a) rejection of claims 12 and 21 is respectfully requested.

Claim 18

Claim 18 stands rejected under 35 USC §103(a) as being unpatentable over Tamura in view of Yuyama and further in view of Cok (US 7,026,597). Claim 18 is dependent upon claim 14, which the Applicants believe is allowable over the cited prior art of record for the reasons provided above. Withdrawal of the 35 USC §103(a) rejection of claim 18 is respectfully requested.

Claims 29-31 and 33-34

Claims 29-31 and 33-34 are rejected under 35 U.S.C. §103(a) as being unpatentable over Henmi et al. (U.S. 7,154,492) in view of Yuyama et al. (U.S. 6,069,676). Independent claims 29 and 33 have been amended in view of the remarks in the “Interview Summary”. Applicants believe that claims 29-31 and 33-

34 are allowable over the cited prior art of record for the reasons provided in the “Interview Summary”. Withdrawal of the 35 USC §103(a) rejection of claims 29-31 and 33-34 is respectfully requested.

Claim 32 and 35

Claims 32 and 35 stand rejected under 35 USC §103(a) as being unpatentable over Henmi in view of Yuyama and further in view of Yamazaki et al. (US 6,424,326). Claim 32 is dependent upon claim 31 and claim 35 is ultimately dependent on claim 33, which the Applicants believe are allowable over the cited prior art of record for the reasons provided above. Withdrawal of the 35 USC §103(a) rejection of claims 32 and 35 is respectfully requested.

Claims 36-37

Claims 36-37 stand rejected under 35 USC §103(a) as being unpatentable over Henmi in view of Yuyama and further in view of Hunter (US 6,356,029). Claim 36 is similar to claim 29, which the Applicants believe is allowable over the cited prior art of record for the same reasons provided above. Claim 37 is dependent upon claim 36, which the Applicants believe is allowable over the cited prior art of record for the same reasons provided above. Withdrawal of the 35 USC §103(a) rejection of claims 36-37 is respectfully requested.

Claim 38

Claims 38 stands rejected under 35 USC §103(a) as being unpatentable over Henmi in view of Yuyama and Hunter and further in view of Yamazaki. Claim 38 is dependent upon claim 37, which the Applicants believe is allowable over the cited prior art of record for the reasons provided above. Withdrawal of the 35 USC §103(a) rejection of claim 38 is respectfully requested.

Claims 39-40 and 42

Claims 39-40 and 42 stand rejected under 35 USC §103(a) as being unpatentable over Henmi in view of Yuyama and further in view of Bawendi (US 6,501,091). Claim 39 is similar to claim 29, which the Applicants believe is allowable over the cited prior art of record for the same provided above. Claims 40 and 42 are dependent upon claim 39, which the Applicants believe is allowable over the cited prior art of record for the same provided above. Withdrawal of the 35 USC §103(a) rejection of claims 39-40 and 42 is respectfully requested.

Claim 41

Claim 41 stands rejected under 35 USC §103(a) as being unpatentable over Henmi in view of Yuyama and Bawendi and further in view of Yamazaki. Claim 41

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is ultimately dependent upon claim 39, which the Applicants believe is allowable over the cited prior art of record for the reasons provided above. Withdrawal of the 35 USC §103(a) rejection of claim 41 is respectfully requested.

Conclusion

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

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In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application, including claims 1, 7, 8, 12, 14, 16-18, 20, 21, and 29-49, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

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